

Title (en)
EYEGLASS FRAME INCLUDING SHAPE-MEMORY ELEMENTS

Publication
EP 0310628 A4 19901122 (EN)

Application
EP 87904459 A 19870618

Priority
US 87607786 A 19860619

Abstract (en)
[origin: WO8707961A1] Eyeglass frames (10) fabricated from shape-memory alloys which have optimized elasticity properties which exhibit a combination of shape-memory and elastic properties, which utilize the shape-memory property of these alloys in fastening elements, or which utilize the flexibility and fatigue resistance of the martensite state of the alloys as a hinge element (74).

IPC 1-7
G02C 1/04; **G02C 5/18**; **G02C 5/14**; **G02C 5/12**

IPC 8 full level
C22C 19/03 (2006.01); **G02C 1/02** (2006.01); **G02C 1/04** (2006.01); **G02C 1/06** (2006.01); **G02C 5/00** (2006.01); **G02C 5/06** (2006.01); **G02C 5/12** (2006.01); **G02C 5/14** (2006.01); **G02C 5/16** (2006.01); **G02C 5/18** (2006.01)

CPC (source: EP US)
G02C 1/02 (2013.01 - EP US); **G02C 1/023** (2013.01 - EP US); **G02C 1/06** (2013.01 - EP US); **G02C 1/08** (2013.01 - EP US); **G02C 5/00** (2013.01 - EP US); **G02C 5/008** (2013.01 - EP US); **G02C 5/06** (2013.01 - EP US); **G02C 5/16** (2013.01 - EP US)

Citation (search report)
• [XD] WO 8502688 A1 19850620 - KRUMME JOHN F, et al
• [AD] FR 2502349 A1 19820924 - NIPPON MUSICAL INSTRUMENTS MFG [JP]
• [A] FR 2466341 A1 19810410 - NIPPON MUSICAL INSTRUMENTS MFG [JP], et al
• [AD] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 209 (P-150)[1087], 21st October 1982; & JP-A-57 115 517 (TOKYO SHIBAURA DENKI K.K.)
• [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 23 (P-251)[1460], 31st January 1984; & JP-A-58 179 819 (MURAI MEGANE KOGYO K.K.)
• See references of WO 8707961A1

Cited by
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Designated contracting state (EPC)
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WO 8707961 A1 19871230; DE 3785351 D1 19930513; DE 3785351 T2 19930715; EP 0310628 A1 19890412; EP 0310628 A4 19901122; EP 0310628 B1 19930407; HK 167696 A 19960913; JP 2574833 B2 19970122; JP H02500050 A 19900111; US 4772112 A 19880920

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